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J.R. SIMPLOT COMPANY ONE CAPITAL CENTER 999 MAIN STREET SUITE 1300 P.O. BOX 27 BOISE, IDAHO 83707-0027 (208) 336-2110 FAX (208) 389-7515

CORPORATE HEADQUARTERS

November 4, 2002

Ms. Linda Meyer (WCM-121)
Project Manager RCRA/Superfund
U.S. EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101



Subject:

Eastern Michaud Flats Superfund Site - Simplot Plant Area Remedial Design/Remedial Action Monthly Progress Report No. 6 (October 2002)

Dear Ms. Meyer:

This letter documents the progress made in the remedial design/remedial action at the Simplot Plant Area portion of the Eastern Michaud Flats Superfund Site. This progress report has been prepared in accordance with the requirements of Paragraph 29 of the Consent Decree and of the Statement of Work.

I. Activities/Tasks

The following principal actions were performed:

- Simplot revised the Sampling and Analysis Plan to support remedial design for the Dewatering Pit based on EPA comments and resubmitted on October 10. Samples were collected per the plan on October 16;
- Simplot began field work to support design of the groundwater extraction system per the work plan submitted in September;
- Simplot participated in meetings on design issues with EPA and its contractors, IDEQ and the ShoBan Tribes in Pocatello on October 16 and 17.

The following principal actions are expected in the period from November 1 to December 15:

- Simplot will continue field work in support of groundwater extraction system design;
- Simplot will submit revised design reports for the Dewatering Pit and Gypsum Stack Roads, based on comments received from the Agencies;
- Simplot will continue design analysis for the groundwater extraction system and prepare materials as discussed in the follow-up documentation for the October 16 meeting; and
- Simplot will initiate revision of other design documents submitted in August, if Agency comments are received.

II. Laboratory Activities and Data Generated



Ms. Linda Meyer – EPA November 4, 2002 Page 2 of 2

A voluntary groundwater sampling event was performed in August. Data are provided in Attachment A.

Samples were collected from the Dewatering Pit for TCLP analysis. These data are provided in Attachment B. Per the Sampling and Analysis Plan, a summary report of the sampling event will also be included the revised Dewatering Pit Remedial Action Work Plan. The analytical laboratory analyzed the samples for total metals in error. These data are also provided in Attachment B.

III. Deliverables and Milestones Completed in Reporting Period

Deliverables are described above in Section I.

IV. Deliverables and Milestones Expected to be Completed in Next Reporting Period.

See Section I.

V. Issues Identified and Actions Taken to Provide Resolution

None.

VI. Activities Undertaken in Support of the Community Relations Plan

None.

I hope this provides you with the information you require. Please do not hesitate to call me @ (208) 389-7558 if you have any questions or comments.

Sincerely.

Waes A- Wallson
Ward Wolleson

Senior Environmental Engineer

J.R. Simplot Company

C: Doug Tanner - IDEQ Pocatello

Roger Turner - ShoBan Tribe

Alan Prouty – J.R. Simplot Company

Attachment A Groundwater Data – August 2002 Voluntary Sampling Event

Groundwater Data - August 2002 Voluntary Sampling Event

Groundwater samples were collected from 41 wells on August 7 and 8, 2002. In addition samples were collected from Batiste Spring (sample ID 208BTS) and the Spring at Batiste Road (sample ID 208BRS). Samples were analyzed for arsenic, selenium, and orthophosphate. The laboratory results are attached. The identifiers for the sampling locations are shown in the box near the upper right corner of the page. The identifiers all have a "208" prefix and then are followed by the well number. Samples with a "600" series identification are duplicates; samples with a "700" series identification are rinsate blanks; "PB1" is a pour blank; "SD1" is DI water.

Field information is currently being obtained from the samplers (Hydrometrics), and supporting information has been requested from the lab. Once received, the data will be evaluated, qualified as appropriate and entered into the groundwater database, which is currently being updated.

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INORGANIC	ANALYSES	DATA	SHEET

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Lab Code: SILVE	ER Ca	se No.:	SAS No.	: _	·	SDG No.: 10269
Matrix (soil/wa	ater): WATE	R		La	.b Sam	ple ID: W306823
Level (low/med)	: LOW_	_		Da	te Re	ceived: 08/08/02
% Solids:	0.	0				
Cor	ncentration	Units (ug	/L or mg/kg dry	y w	eight): MG/L_
	CAS No.	Analyte	Concentration	С	Q	М
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P	0.015 0.0010 4.2	ן ט ן		- F _ - F_ C
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EPA	SAMPLE	NO.

Lab Name: SVL_	ANALYTICAL_	INC	Contract:		208BTS
Lab Code: SILV	ÆR Ca	se No.:	SAS No.	·	_ SDG No.: 102697
Matrix (soil/w	water): WATE	R		Lab Sai	mple ID: W306824
Level (low/med	i): LOW_	_		Date R	eceived: 08/08/02
& Solids:	0.	0			
Co	oncentration	Units (ug	/L or mg/kg dry	y weigh	t): MG/L_
	CAS No.	Analyte	Concentration	c Q	M
	7440-38-2 7782-49-2		0.0044 0.0010 0.67	_w	
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	_	_			SDG No.: 102697
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atrix (soil/w	rater): WATE	R		Lab Samp	ple ID: W306829
evel (low/med): LOW_	_		Date Red	ceived: 08/08/02
Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight): MG/L_
	CAS No.	Analyte	Concentration	c Q	M
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INORGANIC	ANALYSES	DATA	SHEET

EPA SAMPLE NO

ab Name: SVL_	ANALYTICAL_	INC	Contract: _			208313
ab Code: SILV	ŒR Ca	se No.:	SAS No.:	: _		SDG No.: 102697
Matrix (soil/w	ater): WATE	R	·	La	b Sam	ple ID: W306828
Level (low/med	l): LOW_	-		Da	te Re	ceived: 08/08/02
Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg dry	y w	eight): MG/L_
	CAS No.	Analyte	Concentration	С	Q	М
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P	0.22 0.014 33.0	В	w	- F - F- C-
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Lab Name: SVL_1	ANALYTICAL_:	INC.	Contract:		_
ab Code: SILV	ER Cas	se No.:	SAS No.:		SDG No.: 102697
Matrix (soil/wa	ater): WATE	२	,	Lab Samp	ole ID: W306826
Level (low/med)): LOW_	-		Date Red	ceived: 08/08/02
Solids:	0.0	ס			
Cor	ncentration	Units (ug	/L or mg/kg dry	weight): MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2 7782-49-2	Arsenic Selenium_ Ortho-P	0.41 0.010 127	UW	- -
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Lab Name: SVL_	ANALYTICAL_	INC.	Contract: _		· · · · · · · · · · · · · · · · · · ·		208316	
Lab Code: SILV	ER Ca	se No.:	SAS No.	: _		SDO	No.: 1	.02697
Matrix (soil/w	ater): WATE	R		La:	b Samp	ole II): W3068	27
Level (low/med): LOW_			Da	te Red	ceived	1: 08/08	3/02
% Solids:	0.	0						
Co	ncentration	Units (ug	/L or mg/kg dry	y w	eight	: MG/	'L_	
	CAS No.	Analyte	Concentration	c	Q	М		
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P_		В	S W	F_ F_ C_		
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ab Name: SVL_	ANALYTICAL_	INC	Contract:	· · · · · · · · · · · · · · · · · · ·	. Ii
Lab Code: SILV	ER Ca	se No.:	SAS No.	•	SDG No.: 102697
Matrix (soil/w	ater): WATE	R		Lab Samp	le ID: W306825
Level (low/med): LOW_			Date Rec	eived: 08/08/02
& Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2 7782-49-2		0.42 0.010 125	UW	F_ C
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Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					

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Lab Name:	SVL_ANALYTICA	L_INC	Contract:	
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102697
Preparatio	on Blank Matri	x (soil/water): WAT	ER .	
Preparation	on Blank Conce	ntration Units (ug/	L or mg/kg): UG/L	•

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Analyte	Initial Calib. Blank (ug/L)	С	Conti	lnu Bl C	uing Cali ank (ug/ 2	ibrat 'L) C	cion	a 3	С	Prepa- ration Blank C	м
Arsenic	1.0	<u>י</u>	1.0	Ū	1.0	טן (_	···	<u> </u>	1.000 U F	— i
Selenium	1.0	ט	1.0			ט ר		1.0	ប៊	1.000 U F	
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Lab Nam	e: SVL_ANALY	YTICAL_INC	Contract:	· · · · · · · · · · · · · · · · · · ·
Lab Cod	le: SILVER	Case No.:	SAS No.:	SDG No.: 102697
Prepara	tion Blank !	Matrix (soil/water):		
repara	tion Blank (Concentration Units (ug/L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L) C	Continuir Blan 1 C	ng Calibrationk (ug/L) 2 C	on 3 C	Prepa- ration Blank C	M
Arsenic Selenium Ortho-P	1.0U	1.0 U	1.0_U	1.0_U		F F NR_

Lab Name:	SVL_ANALYTICA	L_INC	Contract:	· 	
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.:	102697
Preparatio	on Blank Matri	x (soil/water):			
Preparatio	on Blank Conce	ntration Units (ug/	L or mg/kg):		

Analyte	Initial Calib. Blank (ug/L)	С	Conti	nu Bl	ing Calibr ank (ug/L) 2	at C	cion 3	С	Prepa- ration Blank (M
Arsenic Selenium_ Ortho-P	1.0	U - -	1.0	U -	1.0_	บ - -	1.0_	υ - -			F_ NR_ NR_
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5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ab Name:	SVL_ANALY	TICAL_INC	•	Contract: _			208BRSS		
ab Code:	SILVER	Case No.:	: SAS No.: SDG No.: 1026						697
Matrix (so.	il/water)	: WATER_				Level (lov	v/med): 1	ĽOľ	λ <u></u>
Solids f	or Sample	e:0.0							
	Concentr	cation Units (ug/	L	or mg/kg dry we	ig	nt): UG/L_			
Analyte	Control Limit %R	Spiked Sample Result (SSR)	С	Sample Result (SR) C		Spike Added (SA)	%R	Q	M
Arsenic_Selenium_Ortho-P_	75-125 75-125 75-125 75-125	71.3300 44.4100 14747.0000	B	15.2130 B 1.0000 U 4170.0000		50.00 50.00 10000.00			F F C C

6 DUPLICATES

EPA SAMPLE NO.

lab Name: SVL_ANALYTI	CAL_INC	Contract:	208BRSD
ab Code: SILVER	Case No.:	SAS No.:	SDG No.: 102697
Matrix (soil/water):	WATER	Level	(low/med): _LOW
& Solids for Sample:	0.0	% Solids for	Duplicate:0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

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Analyte	Control Limit	 Sample (S)	С	Duplicate (D)	С	RPD	Q	м
Arsenic		15.2130	اچ	16.0100	ᇤ	5.1	-	F
Selenium_		1.0000	TI.	1.0000			! !-	F-
Ortho-P		4170.0000		4170.0000		0.0	-	c ⁻
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7 LABORATORY CONTROL SAMPLE

Lab Name:	SVL_ANALYTIC	CAL_INC	Contract:			
Lab Code:	SILVER	Case No.:	SAS No.:	SDG	No.:	102697
Solid LCS	Source: _					
Aqueous LO	CS Source:					

Analyte	Aque True	eous (ug/l Found	드) %R	True	Sol Found	id (C	mg/kg) Limits	Я\$
Arsenic Selenium Ortho-P	50.0	50.95 51.38 4649.00	102.8					
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8 STANDARD ADDITION RESULTS

Lab	Name:	SVL_ANALYTIC	CAL_INC	_	Cont	ract:	 -
Lab	Code:	SILVER	Case No.:		SAS	No.:	SDG No.:102697

Concentration Units: ug/L

EPA Sample No.	An	0 ADD ABS	1 AI CON	DD ABS	2 AI CON	DD ABS	3 AI CON	D ABS	Final Conc.	r	Q
208BRSD 208BRSS 208315	AS AS AS	0.161 0.165 0.182 0.215 0.241	10.00 10.00 10.00 10.00	0.273 0.322 0.326	_20.00 _20.00 _20.00 _20.00 _20.00	0.374 0.444 0.424	_30.00 _30.00	0.478 0.575 0.537	16.0 14.3 20.3	0.9993 0.9999 0.9997 0.9996 0.9987	
		0.241			20.00	0.413	_30.00	0.521	21.0		
											-

		INORGANIC A	1 ANALYSES DATA	SHEET	EPA SAMPLE NO.
ab Name: SVL_	ANALYTICAL_	INC.	Contract: _	208312	
ab Code: SILV	ŒR Ca	se No.:	SAS No.	:	SDG No.: 102696
atrix (soil/w	vater): WATE	R		Lab Samp	le ID: W306806
evel (low/med	l): LOW_			Date Rec	eived: 08/08/02
Solids:	0.	0			
Co	ncentration	Units (ug.	/L or mg/kg dr	y weight)	: MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2	Arsenic_ Selenium_	0.22	S WN	 F_
		Ortho-P	29.0		
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	:	INORGANIC 1	1 ANALYSES DATA S	SHEET		EPA SAM	PLE NO.
Lab Name: SVL						2083	19
Lab Code: SILV						SDG No.	: 102696
Matrix (soil/w	•			· ·		e ID: W3	
Level (low/med	•					ived: 08	
% Solids:	0.						
· ·			/T /1 J	.		1407 /T :	
CO	ncentration	Units (ug	/L or mg/kg dry	, wel	gnt):	MG/L	
	CAS No.	Analyte	Concentration	С	Q	м	
	7440-38-2	Arsenic	0.0048		i	<u>F_</u>	
	7782-49-2	Selenium_ Ortho~P	0.0010			F_	
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		INORGANIC .	1 ANALYSES DATA S	SHEET	EPA SAMPLE NO.
ah Name: SVT.	ΑΝΑ Τ. Υ ͲΤ ΟΑΤ.	TNC -	Contract:		208320
b Code: SILV	ER Ca	se No.:	SAS No.		SDG No.: 102696
atrix (soil/w	ater): WATE	R		Lab Samp	le ID: W306814
evel (low/med	l): LOW_	_		Date Rec	eived: 08/08/02
Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
	CAS No.	Analyte	Concentration	C Q	М
		Arsenic_			F
	7782-49-2	Selenium_ Ortho-P			F_ C_
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	;	INORGANIC A	l ANALYSES DATA S	SHEET	EPA SAMPLE NO.
ab Name: SVL_	ANALYTICAL :	INC	Contract:		208324
			•		SDG No.: 10269
atrix (soil/w		•			mple ID: W306805
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evel (low/med		_		Date R	eceived: 08/08/02
Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weigh	t): MG/L_
	CAS No.	Analyte	Concentration	C Q	М
	7440-38-2		0.014		F_
	7782-49-2	Ortho-P	0.0010 0.32		F C
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	INORGANIC	1 ANALYSES DATA S	SHE	ET	EPA SAMPLE NO.		
					208330		
		•					
ER Ca	se No.:	SAS No.	: -		SDG No.: 102696		
ater): WATE	R		La	ab Samp	ole ID: W306808		
): LOW_	<u> </u>		Da	te Rec	ceived: 08/08/02		
0.	0						
ncentration	Units (ug	/L or mg/kg dry	y w	veight)	: MG/L_		
CAS No.	Analyte	Concentration	c	Q	M		
7440-38-2	Arsenic	0.0070	-	W.			
	Selenium	0.0010	֓֞֓֓֓֓֓֓֓֓֓֓֟֟ ֓		-		
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COLORLESS	Clari	ty Before: CLE	AR_	-	Texture:		
COLORLESS	Clari	ty After: CLE	AR_	-	Artifacts:		
	ANALYTICAL_ ER Ca ater): WATE): LOW0. ncentration CAS No. 7440-38-2 7782-49-2	ANALYTICAL_INC ER	ANALYTICAL_INC Contract:	ANALYTICAL_INCContract: ER	Case No.: SAS No.:		

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7777.78	CHANNE	E 310
EPA	SAMPL	E NO

ab Name: SVL .	ANALYTICAL	inc.	Contract:			208331
	,					SDG No.: 102696
atrix (soil/w	•					le ID: W306809
evel (low/med					_	eived: 08/08/02
				Date	. 1(00	C17CQ1 00700702
Solids:	0.					
Со	ncentration	Units (ug	/L or mg/kg dry	y wei	.ght)	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	M
	7440-38-2	Arsenic_	0.15			F
	7782-49-2	Selenium Ortho-P	0.035		_WN	F_ c_
				- - - -		
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olor Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
omments:						

		U.S.	EPA - CLP		7
		INORGANIC A	1 ANALYSES DATA S	SHEET	EPA SAMPLE NO.
Lab Name: SVL_	ANALYTICAL_	INC	Contract:		208340
	.•			:	SDG No.: 102696
Matrix (soil/w	ater): WATE	R		Lab Samp	le ID: W306807
Level (low/med): LOW_			Date Rec	eived: 08/08/02
Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
	CAC No	71			lw l
	CAS No.	Analyte	Concentration		M
	7440-38-2		0.18		F_
	7782-49-2	Selenium_ Ortho-P	0.010	WN	F C_
		Of CHO-F	1420	-	
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					
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INORGANIC	ANALYSES	DATA	SHEET

אמים	SAMPLE	NΤΩ
LPA	DWILLIE	NO.

Lab Name: SVL_ANALYTICAL_INC Contract: Lab Code: SILVER	ab Sampl	SDG No.: 102696
Matrix (soil/water): WATER L	_	e ID: W306820
	ate Rece	
Level (low/med): LOW D		eived: 08/08/02
% Solids:0.0		
Concentration Units (ug/L or mg/kg dry	weight):	MG/L_
CAS No. Analyte Concentration C	Q	M
7440-38-2 Arsenic 0.15 7782-49-2 Selenium 0.013 B	W_WN	F_ F
Ortho-P		NR
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Color Before: COLORLESS Clarity Before: CLEAR	R_	Texture:
Color After: COLORLESS Clarity After: CLEAR	R	Artifacts:
Comments:		
		

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		INORGANIC :	1 ANALYSES DATA	SHE	ET	EPA SAMPLE NO.
Lab Name: SVL_	ANALYTICAL_	INC	Contract:			208347
Lab Code: SILV	ŒR Ca	se No.:	SAS No	·: _		SDG No.: 102696
Matrix (soil/w	vater): WATE	R		La	b Samp	le ID: W306810
Level (low/med): LOW_			Da	ite Rec	eived: 08/08/02
F Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg d	ry w	eight)	: MG/L_
	CAS No.	Analyte	Concentration	n C	Q	M
•	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P_	0.004 0.001 0.2	0 U	WN	F_ F_ C_
				- - - - - -		
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Color Before:	COLORLESS	Clari	ty Before: CL	EAR_	-	Texture:
Color After:	COLORLESS	Clari	ty After: CL	EAR_	_	Artifacts:
Comments:						

1 INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Code: SILVER	Lab Name: SVL_A	ANALYTICAL	INC	Contract:			2083	48
Matrix (soil/water): WATER Lab Sample ID: W306811 Level (low/med): LOW	_			. -	:		SDG No.	: 102696
Date Received: 08/08/02 Solids:0.0 Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.							• •	
Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	·	·					_	
Concentration Units (ug/L or mg/kg dry weight): MG/L CAS No. Analyte Concentration C Q M 7440-38-2 Arsenic 0.048 F 7782-49-2 Selenium 0.010 U N F Ortho-P 21.5 C COlor Before: COLORLESS Clarity Before: CLEAR Artifacts:	•						0027047 70	, 00, 02
CAS No. Analyte Concentration C Q M 7440-38-2						• • •		
Tature:	Co	ncentration	Units (ug	/L or mg/kg dry	y W	eight): MG/L_	
Color Before: COLORLESS Clarity Before: CLEAR Artifacts:		CAS No.	Analyte	Concentration	С	Q	М	
Color Before: COLORLESS Clarity Before: CLEAR Texture: Color After: COLORLESS Clarity After: CLEAR Artifacts:					— · <u></u> ·			
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:	•	1/82~49-2	Ortho-P			N	_ r_ _ r_	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					-		-	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					{ -		- -	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					- ·			
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					-		_	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					— · ! — ·		- -	
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Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:							- -	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:				İ			-	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					-		-	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:					<u> </u>			
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:							_	
Color Before: COLORLESS Clarity Before: CLEAR_ Texture: Color After: COLORLESS Clarity After: CLEAR_ Artifacts:]			-		-	
Color After: COLORLESS Clarity After: CLEAR Artifacts:								
Color After: COLORLESS Clarity After: CLEAR Artifacts:		1	. i		l_l		ii	
*	Color Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture	<u> </u>
Comments:	Color After:	COLORLESS	Clari	ty After: CLE	AR_		Artifact	:s:
	Comments:							

	:	INORGANIC A	1 ANALYSES DATA S	SHEET	EPA SAMPLE NO.
Lab Name: SVL_	ANALYTICAL_	INC	Contract:		208503
Lab Code: SILV	ER Ca	se No.:	SAS No.:		SDG No.: 102696
Matrix (soil/w	ater): WATE	R	•	Lab Sa	ample ID: W306819
Level (low/med): LOW_	_		Date F	Received: 08/08/02
% Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weigh	nt): MG/L_
	CAS No.	Analyte	Concentration	C Q	М
	7440-38-2 7782-49-2		0.019 0.0010 5.2		F F C C
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				-	
Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					

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INORGANIC	ANALYSES	DATA	SHEET

EPA	SAMPLE	NO.

Lab Name: SVL_1	ANALYTICAL I	INC.	Contract:		208504
- Lab Code: SILVI	_				SDG No.: 102696
Matrix (soil/wa					e ID: W306815
Level (low/med): LOW_	_			ived: 08/08/02
% Solids:	0.0	ס			
Cor	ncentration	Units (ug	/L or mg/kg dry	y weight):	MG/L_
	CAS No.	Analyte	Concentration	C Q	м
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P	0.0022 0.0010 0.097		F C
	,				— — —
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					
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			INORGANIC	1 ANALYSES DATA S	SHEET	EPA SAMPLE NO.
ر !	ab Name: SVL	ANALYTICAL_	INC	Contract:		208505
	ab Code: SILV	ER Ca	se No.:	SAS No.	•	SDG No.: 102696
. 1	Matrix (soil/w	ater): WATE	R		Lab Samp	le ID: W306817
	evel (low/med): LOW_			Date Rec	eived: 08/08/02
ţ	Solids:	0.	0			
I	Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
		CAS No.	Analyte	Concentration	c Q	M
		7440-38-2 7782-49-2	Arsenic_Selenium_Ortho-P_	0.0052 0.0010 0.53	U WN	F
	lolom Dafama	GOLODIAGO	G1i	To Defere CITY		
	Color Before:	COLORLESS		ty Before: CLE	_	Texture:
	Color After:	COLORLESS	Clari	ty After: CLE	A.K_	Artifacts:
C	Comments:					

	:	INORGANIC A	l Analyses data s	SHEET	EPA SAMPLE NO.
Lab Name: SVL_	ΑΝΑΤ.ΥͲΤΟΑΤ.	INC.	Contract.		208519
			,		
Lab Code: SILV	ER Cas	se No.:	SAS No.:	<u> </u>	SDG No.: 102696
Matrix (soil/w	ater): WATE	R		Lab Samp	ole ID: W306818
Level (low/med): LOW	_		Date Rec	ceived: 08/08/02
% Solids:	0.0	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2		0.0010 0.0010 0.030	U WN_	F
Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					

		INORGANIC A	1 ANALYSES DATA S	SHEE	T	EPA SAMPLE NO.
ah Namos SVI	ANAT VIII TOAT	TNO	Contract			208601
Lab Name: SVL_						· i
Lab Code: SILV	ER Ca	se No.:	SAS No.:			SDG No.: 102696
Matrix (soil/w	ater): WATE	R		Lab	Samp	le ID: W306816
Level (low/med): LOW_			Dat	e Rec	eived: 08/08/02
₹ Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg dry	y we	ight)	: MG/L_
	CAS No.	Analyte	Concentration	c	Q	M
	7440-38-2	į –	0.0011	_		F
		Selenium	0.0010		WN	· F
•	ļ	Ortho-P	0.018	- -		[C_]
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
Comments:						

Analyte Concentration Contract:	
ab Code: SILVER	8700
trix (soil/water): WATER Lab Sample ID: Evel (low/med): LOW	 _
Date Received:	0.: 10269
Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	w306813
Cas No. Analyte Concentration C Q M	08/08/02
CAS No. Analyte Concentration C Q M	
7440-38-2 Arsenic 0.0010 U W F 7782-49-2 Selenium 0.0010 U N F	
7440-38-2 Arsenic 0.0010 U W F 7782-49-2 Selenium 0.0010 U N F Ortho-P 0.17 C	
7782-49-2 Selenium 0.0010 U N F C C C C C C C C C	
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olor Before: COLORLESS Clarity Before: CLEAR_ Textur	e:
olor After: COLORLESS Clarity After: CLEAR_ Artifa	.cts:
omments:	

Lab Name:	SVL_ANALYTIC	CAL_INC	Contract:		•
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.:	102696
Preparation	on Blank Matr	cix (soil/water): WA	TER		
Preparation	on Blank Conc	entration Units (ug	//L or mg/kg): UG/L_		

Analyte	Initial Calib. Blank (ug/L)	С		Ent BI C	ning Calib Lank (ug/L) 2	cat) C	zion 3	С	Prepa- ration Blank C	М
Arsenic	1.0	Ū		Ū		U		บ	1.000 U	F
Selenium	1.0	ָי ט ו	1.0	U	1.0	U	1.0	U	1.000 U	F
Ortho-P	10.0	ָן ע	10.0	U	10.0	ָ ט		_ 1	10.000 U	C
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Lab	Name:	SVL_ANAL	YTICAL_INC	Contract:			
Lab	Code:	SILVER	Case No.:	SAS No.:	SDG	No.:	102696
Prep	aratio	n Blank	Matrix (soil/water):				
Prep	aratio	n Blank	Concentration Units (ug.	/L or mg/kg):	٠	

Analyte	Initial Calib. Blank (ug/L)	С		nu Bl C	ing Calibr ank (ug/L) 2	at C	cion 3	С	Prepa- ration Blank C		м
Arsenic_Selenium_Ortho-P			1.0	U						ij	F
				1 1 1 1				1 1 1 1 1 1			

Lab	Name:	SVL_ANAI	LYTICAL_INC	Contract:		
Lab	Code:	SILVER	Case No.:	SAS No.:	SDG No.:	102696
Prep	paratio	n Blank	Matrix (soil/water):			
Prep	paratio	n Blank	Concentration Units (ug	/L or mg/kg): _		

Analyte	Initial Calib. Blank (ug/L)	C		ni B]	ing Calibr Lank (ug/L) 2	at C	cion 3 (Prepa- ration Blank C	М
Arsenic_Selenium_Ortho-P_	1.0		1.0	U U - - - - - - - - - - - - - - - - - -	1.0	Ŭ 			F

Lab	Name:	SVL_ANAL	YTICAL_INC	Contract:	
Lab	Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102696
Prep	paratio	n Blank	Matrix (soil/water):		
Prep	paratio	n Blank	Concentration Units (ug	/L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L)	С	Con	tinuin Blan C	g Calib k (ug/L 2	rati) C	on 3	С	Prepa- ration Blank	C	м
Arsenic_Selenium_Ortho-P_	1.0		1.0		1.0		1.0				F NR_ NR_
		-									

5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

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ab Name: :	SVL_ANALY	TICAL_INC		Contract: _			208324S		
ab Code: 8	SILVER	Case No.:		SAS No.	:	SDG	No.: 10	026	596
atrix (so	il/water)	: WATER_		•		Level (low	/med):]	COM	
Solids fo	or Sample	:0.0					•		
	Concentr	cation Units (ug/	/L	or mg/kg dry we	èi	ght): UG/L_			
Analyte	Control Limit %R	Spiked Sample Result (SSR)	С	Sample Result (SR) C		Spike Added (SA)	%R	Q	М
Arsenic_	ļ į				-				NR
Selenium_			_		-			_	NR
Ortho-P_	75-125_	2919.0000_	-	317.0000	- Ì	2500.00	104.1	-	C_
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5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

•					208340S		
ab Name: S	SVL_ANALY	TICAL_INC	Contract: _				
b Code: S	SILVER	Case No.: _	SAS No.	sDC	No.: 10	026	59(
atrix (so	il/water)	: WATER_		Level (low	v/med):]	LOV	л <u>_</u>
Solids fo	or Sample	e:0.0					
	Concentr	ation Units (ug/L	or mg/kg dry we	ight): UG/L_			
Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	1
Arsenic	75-125	193.8000	153.1000	50.00	81.4	<u> </u> -	F
Selenium_	75-125	35.3500	12.8200 B	50.00			F
rtho-P	[]		.	[- 		-	N
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6 DUPLICATES EPA SAMPLE NO.

			DOLLTCH.	res				
Name: SVL	_ANALYTICAL	_INC	_ Cont	ract:		20832	4D	111111
Code: SIL	VER C	ase No.: _	·	SAS No.: _		SDG No.:	102696	
rix (soil/	water): WA	TER		٠	Level (low/med)	: _LOW_	_
olids for	Sample:	0.0		% Solid	ds for D	uplicate	:0.0	J
Analyte Arsenic_ Selenium Ortho-P	Control Limit	Sample (S	5) C	Duplicate	(D) C		Q M - NR - NR - C	
	Code: SILVE (soil/solids for Code) Analyte Arsenic Selenium	Code: SILVER C rix (soil/water): WA clids for Sample: Concentratio Analyte Control Arsenic Selenium	Code: SILVER Case No.: rix (soil/water): WATER clids for Sample:0.0 Concentration Units (uc) Analyte Control Sample (Sample Selenium Control Control Sample (Sample Selenium Control	Name: SVL_ANALYTICAL_INC Cont Code: SILVER	concentration Units (ug/L or mg/kg dry wes Analyte	Name: SVL_ANALYTICAL_INC Contract: Code: SILVER	Name: SVL_ANALYTICAL_INC Contract:	Name: SVL_ANALYTICAL_INC

		DUPLICA	TES		EPA SAMPLI	5 NO.
Lab Name: SVL_ANALYTI	CAL_INC	Con	tract:		2083401	D
Lab Code: SILVER	Case No.:		SAS No.: _		SDG No.:	102696
Matrix (soil/water):	WATER			Level	(low/med):	_LOW
% Solids for Sample:	0.0		% Solid	is for	Duplicate:	0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

				,				
Analyte	Control Limit	Sample (S)	С	Duplicate (D)	С	RPD	Q	M
Arsenic Selenium_	100.0_	153.1000 12.8200	B	167.9000 10.0000	<u></u>	9.2 200.0	-	F F
Ortho-P			-		-	ļ	-	NR
			-				-	<u> </u> _
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7 LABORATORY CONTROL SAMPLE

Lab Name:	SVL_ANALYI	CICAL_INC	Co	ntract:		
Lab Code:	SILVER	Case No.:	SA	S No.:	SDG No.:	102696
Solid LCS	Source:				·	
Aqueous LO	CS Source:					

Analyte	Aque True	eous (ug/l Found	L) %R	True	Sol. Found	id (C	(mg/kg) Lin	nits	%R
Arsenic_ Selenium_ Ortho-P_	50.0 50.0 4450.0	54.67 51.63 4431.00	103.3						

8 STANDARD ADDITION RESULTS

Lab	Name:	SVL_ANALYTIC	CAL_INC	 Cont	ract:	- ,	
Lab	Code:	SILVER	Case No.:	SAS	No.:	SDG	No.:102696

Concentration Units: ug/L

EPA Sample	An	0 ADD ABS	1 AI CON	DD ABS	2 AI CON	DD ABS	3 AI	DD ABS	Final Conc.	r	Q
208324 - 2	AS AS	0.116	_10.00 _10.00	0.217 0.245	_20.00 _20.00	0.352 0.370	30.00	0.475 0.493	6.7 9.4	0.9992 0.9998 0.9999	- - -
208503	AS 	0.164	_10.00	0.271	_20.00	0.374	30.00	0.448	17.9	0.9967	
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EPA	SAMPLE	NO	.

Cas LOW0.0 tration No. 0-38-2	se No.: R O Units (ug	/L or mg/kg dry Concentration 0.0010	Date I Weight	mple Receiv	ID: W30	10272 7049
LOW0.0 tration No.	Units (ugana) Analyte Arsenic Selenium	/L or mg/kg dry Concentration 0.0010 0.0020	Date I Weight	ample Receiv	ID: W30	7049
LOW0.0 tration No.	Units (ug/	/L or mg/kg dry Concentration 0.0010 0.0020	Date I weight C Q U N	Receiv	G/L_	
0.0 tration No.	Units (ug	Concentration0.00100.0020	v weigh	nt): M	G/L_	09/02
No.	Analyte Arsenic Selenium	Concentration0.00100.0020	С Q <u> </u>	М	· 	
No.	Analyte Arsenic Selenium	Concentration 0.0010 0.0020	С Q <u> </u>	М	· 	
0-38-2	Arsenic_ Selenium_	0.0010 0.0020	U N	į		
0-38-2 2-49-2	Selenium	0.0020	U N	F_ F_ C_		
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ORLESS	Clarit	ty Before: CLE	AR_	Te	xture:	
ORLESS	Clarit	ty After: CLE	AR_	Ar	tifacts	:
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EΡΔ	SAMPLE	NO.
71.77	DUTT TITE	740 *

ID Name: 2AT-	ANALYTICAL_:	INC	Contract: _			208PE14
b Code: SILV	ER Cas	se No.:	SAS No.:	: _		SDG No.: 102721
atrix (soil/w	ater): WATE	R		La	b Samp	le ID: W307048
evel (low/med): LOW	_		Da	te Rec	eived: 08/09/02
Solids:	0.0	0				
Co	ncentration	Units (ug	/L or mg/kg dry	, w	reight)	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	M
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P_				 F_ C_
				- - -		
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				- -		
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				- - - -		
				- - -		
olor Before:	COLORLESS	Clari	ty Before: CLE	AR_	_	Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_	_	Artifacts:
omments:		•				

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INORGANIC	ANALYSES	DATA	SHEET

EPA	SAMPLE	NO.

		THOMOMITC.	WINDING DUIN	ال بديديد ر		
ab Name: SVL	ANALYTICAL	INC.	Contract:		208317	
			 		ODG N - 100	2221
ab Code: SILV	ER Ca	se No.:	SAS No.		SDG No.: 102	2/21
Matrix (soil/w	vater): WATE	R		Lab Sa	ample ID: W307041	1
Level (low/med	l): LOW_	_		Date I	Received: 08/09/0)2
Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg dry	y weigh	nt): MG/L_	
·	CAS No.	Analyte	Concentration	C Q	M	
	7440-38-2	Arsenic	0.30	-	_F -	
		Selenium_	0.020	U W	T F F C C C C C C C C C C C C C C C C C	
		Ortho-P_	260	-	<u> - </u>	
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:	
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:	
Comments:						
						
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INORGANIC	ANALYSES	DATA	SHEET

EPA	SAMPLE	NO.

Lab Name: SVL_ANALYTICAL_INC	ah Name: SVT	አ ህልፒ.ሦጥፐሮልፒ	TNC	Contract.		208318
Matrix (soil/water): WATER Lab Sample ID: W307043 Level (low/med): LOW	_		-			_
Level (low/med): LOW Date Received: 08/09/02 Solids:0.0 Concentration Units (ug/L or mg/kg dry weight): MG/L CAS No. Analyte Concentration C Q M	Lab Code: SILV	ER Ca	se No.:	SAS No.:		SDG No.: 10272
CAS No. Analyte Concentration C Q M	Matrix (soil/w	ater): WATE	R		Lab Samp	ole ID: W307043
Cas No. Analyte Concentration C Q M	level (low/med): LOW_	-		Date Red	ceived: 08/09/02
CAS No. Analyte Concentration C Q M	Solids:	0.	0			
	Co	ncentration	Units (ug	/L or mg/kg dry	y weight): MG/L_
7440-38-2 Arsenic 0.18 S F		CAS No.	Analyte	Concentration	C Q	M
Ortho-P 81.1 C		•	•			- F - - - - - - - - -
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olor Before: COLORLESS Clarity Before: CLEAR_ Texture:	olor Before:	COLORLESS	Clari	tv Before: CLE	1_1 AR	-'' Texture:
olor After: COLORLESS Clarity After: CLEAR_ Artifacts:				_	_	
Comments:				•	_	·

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Date Received: 08/09/02 Solids:0.0 Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	Lab Name: SVL	_ANALYTICAL_	INC	Contract:			208321
Date Received: 08/09/02 Solids:0.0 Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	Lab Code: SIL	VER Ca	se No.:	SAS No.:		\$	SDG No.: 102721
Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	Matrix (soil/	water): WATE	R		Lab Sa	ample	ID: W307047
Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	Level (low/med	d): LOW_	-		Date 1	Recei	ved: 08/09/02
CAS No. Analyte Concentration C Q M 7440-38-2 Arsenic	% Solids:	0.	0	•			
T440-38-2	Co	oncentration	Units (ug	/L or mg/kg dry	y weig	ht): 1	MG/L_
Color Before: COLORLESS Clarity Before: CLEAR Texture: Color After: COLORLESS Clarity After: CLEAR Artifacts:		CAS No.	Analyte	Concentration	C Q	М	-
Color After: COLORLESS Clarity After: CLEAR Artifacts:			Selenium_	0.0020		N F	<u>-</u> j
Color After: COLORLESS Clarity After: CLEAR Artifacts:							- - - - - - - -
<u> </u>	Color Before:	COLORLESS	Clari	ty Before: CLE	\R_	Te	exture:
Comments:	Color After:	COLORLESS		_	_	A	rtlfacts:
	Comments:						

EPA	SAMPLE	NO.
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ab Name: SVL	_ANALYTICAL_	INC	Contract: _			208326
ab Code: SIL	VER Ca	se No.:	SAS No.	: _		SDG No.: 10272
Matrix (soil/	water): WATE	R		La:	b Sam	ple ID: W307045
evel (low/me	d): LOW_			Da	te Red	ceived: 08/09/02
Solids:	0.	0				
С	oncentration	Units (ug	/L or mg/kg dry	y w	eight): MG/L_
	CAS No.	Analyte	Concentration	С	Q	M
	7440-38-2		0.33		W	- F_
	7782-49-2	Selenium_ Ortho-P	0.020 217		WN	_ F_ _ C_
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	•	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
Comments:						
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INORGANIC	ANALYSES	DATA	SHEET

EPA	SAMPLE	NO.
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	,	INORGANIC	ANALYSES DATA S	SHEET	,
Lab Name: SVL_	ΔΝΑΤ,Υ ͲΤ Ϲ ΔΤ.	TNC.	Contract:		208332
	_				
Lab Code: SILV	ER Ca	se No.:	SAS No.:	·	SDG No.: 102721
Matrix (soil/w	ater): WATE	R		Lab Sam	ple ID: W307038
Level (low/med): LOW_	_		Date Re	ceived: 08/09/02
% Solids:	0.	0			
Со	ncentration	Units (ug	/L or mg/kg dry	y weight): MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2	Arsenic	0.34	S	F
	7782-49-2	Selenium		U WN	- F- - F-
		Ortho-P_	149	-	_ c_
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					
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EPA	SAMPLE	NO.
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Lab Name: SVL	ANALYTICAL :	INC.	Contract:			208334
						SDG No.: 102721
Matrix (soil/w	ater): WATE	R		Lab	Sampl	e ID: W307039
Level (low/med): LOW_	_		Dat	e Rece	ived: 08/09/02
% Solids:	0.(0				
Co	ncentration	Units (ug	/L or mg/kg dry	y we	eight):	MG/L_
	CAS No.	Analyte	Concentration	С	Q	м
	7440-38-2 7782-49-2	Selenium_	0.47	ַן טּן	_s_ _wn	F_
		Ortho-P	108			c_
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
Comments:						
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EPA	SAMPLE	NO.	12

Lab Name: SVL	ANALYTICAL	INC.	Contract:		208341
					SDG No.: 102721
Matrix (soil/w					ole ID: W307044
Gevel (low/med	l): LOW_			Date Red	ceived: 08/09/02
Solids:	0.	0			
Cc	ncentration	Units (ug	/L or mg/kg dry	y weight): MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P_	0.15 0.020 23.7	U WN	- F
•					
					-
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					- -
Color Before:	COLORLESS	Clarit	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					

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		INORGANIC :	1 ANALYSES DATA S	SHEET	EPA SAMPLE NO.
Lab Name: SVL_	ANALYTICAL	INC.	Contract:		208342
					SDG No.: 102721
Matrix (soil/w		,			le ID: W307040
Level (low/med	l): LOW				eived: 08/09/02
% Solids:	0.				
Co			/L or mg/kg dry	y weight):	: MG/L
	1	· · ·	!		_
	CAS No.	Analyte	Concentration	C Q	М
	7440-38-2 7782-49-2	ArsenicSeleniumOrtho-P		U WN_	F_ F_ C_
				-	
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				_	
Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comment c •					

EPA	SAMPLE	NO.
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ab Name: SVL_	ANALYTICAL_	INC	Contract:			208344
ab Code: SILV	ER Ca	se No.:	SAS No.	: _		SDG No.: 102721
atrix (soil/w	rater): WATE	R		Lal	b Samp	le ID: W307037
evel (low/med	.): LOW_	_		Da	te Rec	eived: 08/09/02
Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg dry	y w	eight)	: MG/L_
	CAS No.	Analyte	Concentration	C	Q	М
·	7440-38-2 7782-49-2	Arsenic Selenium_ Ortho-P	0.57 0.020 206	Ū	S_ WN	F_ C_
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olor Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
omments:		·				

EPA	SAMPLE	NO.

ab Name: SVL_	ANALYTICAL_	INC	Contract:				208602
			SAS No.	: _		SI	OG No.: 102721
atrix (soil/w	ater): WATE	R		La	b Samp	le :	ID: W307042
evel (low/med): LOW_						ed: 08/09/02
Solids:	0.	_					
Co			/L or mg/kg dry	y w	eight)	: M	G/L_
	CAS No.	Analyte	Concentration	c	Q	M	
	7440-38-2 7782-49-2	Arsenic_	0.33	_ - ซ		F C	
			203				
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_		Te	xture:
Color After:	COLORLESS	Clari	ty After: CLE	AŔ	_	Ar	tifacts:
Comments:							

EPA SAMPLE NO.)

Lab Name: SVL_	ANALYTICAL	INC.	Contract:			208701
						SDG No.: 102721
Matrix (soil/wa						le ID: W307046
Level (low/med): LOW_			Da	ate Rec	eived: 08/09/02
Solids:	0.	0				
Con	ncentration	Units (ug	/L or mg/kg dr	у м	veight)	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	М
	7440-38-2 7782-49-2	Arsenic_ Selenium_ Ortho-P_	0.0010 0.0020 0.67	ָוֹ <mark>ט</mark> וֹ		F_ F_ C_
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	_	Artifacts:
Comments:						

Lab Name:	SVL_ANALYTICA	L_INC	Contract:	· —
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102721
Preparation	on Blank Matri	x (soil/water): SO	IL_	
Preparation	on Blank Conce	ntration Units (ug.	L or mg/kg): MG/KG	•

Analyte	Initial Calib. Blank (ug/L)	С	Conti	nu Bl	ing Calib ank (ug/L) 2	cat) C	cion 3	C	Prepa- ration Blank C	M
Arsenic	1.0	טו		Ū		ับ	1.0	<u></u>	1.000 U F	— i
Selenium	2.0	ָ ט	2.0	ប	2.0	ប	2.0	ប	2.000 U F	— į
Ortho-P	10.0	ָט	10.0			ប			10.000 U C	
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Lab	Name:	SVL_ANALYT	ICAL_INC	Contract:	<u> </u>	
Lab	Code:	SILVER	Case No.:	SAS No.:	SDG No.:	102721
Prep	paratio	on Blank Mat	trix (soil/water): _			
Prep	paratio	on Blank Co	ncentration Units (u	g/L or mg/kg):	_	

Analyte	Initial Calib. Blank (ug/L)	С	•	.nı Bl	ing Calibr Lank (ug/L) 2	a	tion 3 C	Prepa- ration Blank C		М
ArsenicSelenium_Ortho-P				U U	1.0	<u>U</u>				F F NR
		1 1 1		- - -					1	

Lab Name	SVL_ANALYTICA	AL_INC.	Contract:	
Lab Code	: SILVER	Case No.:	SAS No.:	SDG No.: 102721
Preparat	ion Blank Matri	x (soil/water):		
Preparat	ion Blank Conce	entration Units (ug	/L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L)	С	Conti	nu Bl	uing Calib ank (ug/L) 2	cat) C	cion 3	С	Prepa- ration Blank (м
ArsenicSelenium_Ortho-P	1.0 2.0	U U						U		F NR

Lab	Name:	SVL_ANALY	YTICAL_INC	Contract:	BAP'S
Lab	Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102721
Prep	paratio	on Blank I	Matrix (soil/water):		
Prep	paratio	n Blank (Concentration Units (ug	g/L or mg/kg):	_

Analyte	Initial Calib. Blank (ug/L)	Cc 1	ontinui Bla C	ng Calibi nk (ug/L) 2	catio	n 3	С	Prepa- ration Blank	С	м
Arsenic_ Selenium_ Ortho-P		2.	0_ 0 _							NR_ F NR_

5A SPIKE SAMPLE RECOVERY

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EPA	SAMPLE	МО

ab Name: SVL_ANALYTICAL_INC Contract:						208321S			
ab Code: 8	SILVER	Case No.:	SAS No	o . :	sdc	No.: 10	327	721	
atrix (so	il/water)	: SOIL			Level (low	/med):]	LOV	V	
Solids fo	or Sample	e:0.0							
	Concentr	ration Units (ug/L	or mg/kg dry v	vej	ght): MG/KG				
Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR)	С	Spike Added (SA)	%R	Q	M	
Arsenic	75-125	49.2400	1.5820	<u></u>	50.00	95.3	-	F	
Selenium_ Ortho-P			2.0000		50.00	97.2		F NR	
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mments:

5A SPIKE SAMPLE RECOVERY

		- /
EPA	SAMPLE	NO.

Arsenic Ni Selenium Ni	b Name:	SVL_ANALY	TICAL_INC		Contract:			208341s		
Control Spiked Sample Result (SSR) C Result (SR) C Added (SA) Result (SR) C C C C C C C C C	b Code:	SILVER	Case No.:		SAS No	.:	SDC	3 No.: 1	02	721
Control Spiked Sample Result (SSR) C Result (SR) C Added (SA) %R Q Result (SR) TS-125 T6313.0000 TS-125 T6313.0000 TS-125 TS	trix (so	il/water)	: SOIL_				Level (lo	w/med):	LO	W
Control Spiked Sample Result (SSR) C Result (SR) C Added (SA) %R Q Result (SR) Result (SR) C Added (SA) %R Q Result (SR)	Solids f	or Sample	·:0.0							
Analyte %R Result (SSR) C Result (SR) C Added (SA) %R Q Result (SR) C Result (SR) C Added (SA) %R Q Result (SR) C Result (SR) C Result (SR) C Result (SR) Spike Added (SA) %R Q Result (SR) C Result (SR) C Result (SR) C Result (SR) Spike Added (SA) %R Q Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) Spike Added (SA) %R Q Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) C Result (SR) R Q Result (SR) R Q Result (SR) R R Q Result (SR) R R Q R R R R R R R R R R R R R R R R		Concentr	ation Units (ug	/L	or mg/kg dry we	ei	.ght): MG/KG			
Selenium 75-125	Analyte	Limit	Spiked Sample Result (SSR)	С	Sample Result (SR) (C		%R	Q	М
Drtho-P 75-125 76313.0000 23735.0000 50000.00 105.2 C				Ţ_		- i			<u> </u> _	NR
mments:	ortho-P	75-125_	76313.0000_	-	23735.0000	- -	50000.00	105.2	-	NR C_
mments:				-		- i			-	
mments:				- -		- i - i			- -	
ments:				-		- -			-	
nments:				-		- -			- -	
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5A SPIKE SAMPLE RECOVERY

epa sample no. 3^{0}

ab Name: S	SVL_ANALY	TICAL_INC	_	Contract:			208344S		
ub Code: S	SILVER	Case No.:		SAS No	o .:	SDG	No.: 10	27	721
trix (soj	il/water)	: SOIL		·		Level (low	/med): I	O	<i>i</i>
Solids fo	or Sample	a:0.0							
	Concentr	ation Units (ug	/L	or mg/kg dry v	wej	.ght): MG/KG			
Analyte	Control Limit %R	Spiked Sample Result (SSR)		Sample Result (SR)	С	Spike Added (SA)	%R	Q	l M
Arsenic Selenium_ Ortho-P	75-125_	514.7000 33.7100_		568.9250 20.0000			67.4		F F NF
			- - -		 - -			_ _ _	
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6 DUPLICATES

		7
EPA	SAMPLE	NO.

ab Name: SVL_ANALYTI	CAL_INC	Contract:	208341D	
ab Code: SILVER	Case No.:	SAS No.:	SDG No.: 102721	
Matrix (soil/water):	SOIL_	Level	(low/med): _LOW	
Solids for Sample:	0.0	% Solids for	Duplicate:0.0	

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	М
Arsenic_ Selenium_ Ortho-P		23735.0000		23894.0000	- <u> </u> - <u> </u> - <u> </u>	0.7	-	NR NR C_
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6 DUPLICATES

EPA	SAMPLE	NO.
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hb Name: SVL_ANALYTI	CAL_INC	Contract:	208344D] - -
ab Code: SILVER	Case No.:	SAS No.:	SDG No.: 102721	
atrix (soil/water):	soir_	Level	(low/med): _LOW_	_
Solids for Sample:	0.0	% Solids for	Duplicate:0.0)

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	7	C	Duplicate (D)	}	RPD	Q	1
Arsenic_		568.9250	_!	486.4000	_	15.6_	1_	F_
Selenium_]	20.0000	ָן ט	20.0000	U]	-	F_ NR
Ortho-P_		-	- i		-1	ii	1-	INK
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7 LABORATORY CONTROL SAMPLE

Lab Name:	SVL_ANALYTIC	CAL_INC	Contract:			
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No	.:	102721
Solid LCS	Source: _					
Aqueous LC	S Source: _					

Analyte	Aque True	eous (ug/I Found	L) %R	True	Soli Found	Ld C	(mg/kg) Lin	nits	&R
Arsenic_	50.0	44.33	88.7 102.4		<u> </u>	_			
Selenium_	50.0	51.22	102.4_	ļ		! !			
Ortho-P	_4450.0	_4428.00	_99.5_	! 	İ	!!			
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8 STANDARD ADDITION RESULTS

ab	Name:	SVL_ANALYTIC	CAL_INC	Contract:	
ab	Code:	SILVER	Case No.:	SAS No.:	SDG No.:102721

Concentration Units: ug/L

EPA	7	0.770	7 77		0.37		2 3	20	Final		
Sample No.	An	0 ADD ABS	1 AI	עט ABS	2 AI CON	ענ ABS .	3 AI	ענ ABS	Conc.	r	Q
140.		ADS	COM	נעת	CON	AD3	CON	ADS	COME.	_	2
208318		0.143	10.00		20.00			0.366		0.9971	
208332		0.121	_10.00		_20.00			0.410		0.9979	
208334	AS		_10.00			0.376		0.469		0.9995	
208341 - 208344 -		0.169 0.163	_10.00			0.398		0.494		0.9989	
	AS AS		_10.00 10.00	0.241	20.00	0.316	30.00	0.381		0.9992	-
		0.169	10.00	0.248	20.00		30.00			0.9999	-
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ab Name: SVL_	ANALYTICAL	INC.	Contract:				208307	
			SAS No.	:		SDO	3 No.: 10	2676
Matrix (soil/w				_			D: W30662	
evel (low/med): LOW_	_			-		d: 08/07/	
Solids:	0.	0						
Co	ncentration	Units (ug	/L or mg/kg dry	y v	weight)	: MG,	/r_	
	CAS No.	Analyte	Concentration	С	Q	М		
	7440-38-2 7782-49-2	Arsenic_ Selenium_ OrthoPhos		<u></u>		F F		
			120	- - -		C_		
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	_	Tex	ture: _	
Color After:	COLORLESS	Clari	ty After: CLE	AR_	-	Art	ifacts: _	
Comments:								
								
								

EPA	SAMPLE	NO.
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ab Name: SVL	ANALYTICAL :	INC.	Contract:			208308	i ! !
	_		 -			SDG No.: 10267	 76
Matrix (soil/wa	ater): WATE	₹.		Lal	o Samp	le ID: W306627	
evel (low/med): LOW	_		Dat	te Rec	eived: 08/07/02	
Solids:	0.0	o					
Co	ncentration	Units (ug	/L or mg/kg dry	y W	eight)	: MG/L_	
	CAS No.	Analyte	Concentration	С	Q	M	
	7440-38-2 7782-49-2				SN_W_	F_ F_ C_ -	
· .						<u>- </u>	
Color Before:	COLORLESS	Clari	ty Before: CLE	AR_		Texture:	
Color After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:	
lomments:							,
							

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EPA SAMPLE NO.			-
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Lab Name: SVL_A						i .
	er Ca	se No.:	SAS No.:			SDG No.: 102676
Matrix (soil/wa	ater): WATE	R		La	b Sampl	e ID: W306638
Level (low/med): LOW_			Da	te Rece	eived: 08/07/02
% Solids:	0.	0				
Cor	ncentration	Units (ug	/L or mg/kg dry	y w	eight):	MG/L_
	CAS No.	Analyte	Concentration	c	Q	м
•	7440-38-2 7782-49-2	Selenium		֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓		F_
		OrthoPhos	12.4	-		c_
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Color Before:	COLORLESS	Clarit	y Before: CLE	_ . AR_		Texture:
Color After:	COLORLESS		ty After: CLE	_		Artifacts:
Comments:				_		

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EPA	SAMPLE	NO.

atrix (soil/water): WATER Lab Sample ID: W306639 evel (low/med): LOW Date Received: 08/07/02	ab Na	me: SVL_	ANALYTICAL_	INC.	Contract:			208310
Date Received: 08/07/02	ab Co	de: SILV	ER Ca	se No.:	SAS No.	: _		SDG No.: 102676
Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	atrix	(soil/w	ater): WATE	R.		La	b Samp	le ID: W306639
Concentration Units (ug/L or mg/kg dry weight): MG/L_ CAS No.	evel	(low/med): LOW	-		Da	te Rec	eived: 08/07/02
CAS No. Analyte Concentration C Q M 7440-38-2 Arsenic	Soli	.ds:	0.	0				
7440-38-2 Arsenic		Co	ncentration	Units (ug	/L or mg/kg dry	y w	reight)	: MG/L_
7782-49-2 Selenium 0.010 U F C C			CAS No.	Analyte	Concentration	С	Q	M
				Selenium	0.010	<u></u>		F_ C_
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olor Before: COLORLESS Clarity Before: CLEAR_ Texture:	olor	Before:	COLORIES	.ll	ty Refere: CIF	- i -	i	i_i Texture:
olor After: COLORLESS Clarity After: CLEAR_ Artifacts:					_			
omments:					•	•	-	

EPA	SAMPLE	NO.
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MALYTICAL .	INC.	Contract:			20832	5
					SDG No.:	102676
ater): WATE	R		La	ab Samp	le ID: W30	6625
: LOW_	_		Da	ate Rec	eived: 08/	07/02
0.	0					
ncentration	Units (ug	/L or mg/kg dry	y v	weight)	: MG/L_	
CAS No.	Analyte	Concentration	С	Q	М	
7440-38-2	Arsenic	0.68	-	SN	F	
	Selenium	0.010	Ū			
	OrthoPhos	166	-	ļ	. C_	
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COLORLESS	Clari	ty Before: CLE	AR		Texture:	
COLORLESS	Clari	ty After: CLE	AR	-	Artifacts	•
						
)	colorless	colorless Claris	colorless Clarity Before: CLE	colorless Clarity Before: CLEAR	Lab Samp : LOW	Date Received: 08/0.0

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ab Name: SVL_	ANALYTICAL_	INC	Contract:			208325
ab Code: SILV	ER Ca	se No.:	SAS No.	: _	 	SDG No.: 102676
atrix (soil/w	ater): WATE	R		La	db Samp	le ID: W306637
evel (low/med): LOW_	_		Da	te Rec	eived: 08/07/02
Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg dry	y w	reight)	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	М
	7440-38-2 7782-49-2		0.073 0.010			
		OrthoPhos				F_ C_
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olor Before:	COLORLESS	Clari	ty Before: CLE	AR_	-	Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_	-	Artifacts:
omments:						
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EPA	SAMPLE	NO
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Lab Name: SVL_	ANALYTICAL :	INC.	Contract:			208327
Lab Code: SILV				:		SDG No.: 102676
Matrix (soil/w	ater): WATE	R		La	b Sam <u>r</u>	ole ID: W306636
Level (low/med): LOW_	_		Da	te Rec	ceived: 08/07/02
% Solids:	0.0	0				
Со	ncentration	Units (ug	/L or mg/kg dry	y w	eight	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	м
	7440-38-2		0.020		_sn_	F
	7782-49-2	Selenium_ OrthoPhos		Ŭ,	₩	_ F_ C_
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Color Before:	COLORLESS		ty Before: CLE	_		Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
Comments:						

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INORGANIC	ANALYSES	DATA	SHEET

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ab Name: SVL_	ANALYTICAL	INC.	Contract:		208328
-			SAS No.:	·	SDG No.: 102676
atrix (soil/w	ater): WATE	R		Lab Samp	le ID: W306634
evel (low/med): LOW_	_		Date Rec	eived: 08/07/02
Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2	İ	0.0014 0.0010		F_ C
olor Before:	COLORLESS	Clari	ty Before: CLE	_ AR_	Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
omments:					

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b Name: SVL_	ANALYTICAL_	INC	Contract: _		208333
b Code: SILV	ER Ca	se No.:	SAS No.	.:	SDG No.: 102676
trix (soil/w	ater): WATE	R		Lab Sampl	e ID: W306630
vel (low/med	.): LOW_			Date Rece	eived: 08/07/02
Solids:	0.	O			
Co	ncentration	Units (ug	/L or mg/kg di	cy weight):	MG/L_
		1			
	CAS No.	l	Concentration	_ _	M
	7440-38-2 7782-49-2	Arsenic_ Selenium	0.30		F_
	1702-49-2	OrthoPhos			F_ C_
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lor After:	COLORLESS	Clarit	y After: CLE	EAR_	Artifacts:
omments:					

EPA	SAMPLE	NO.

Lab Name: SVL	ANALYTICAL	inc.	Contract:				208346	
_			SAS No.:			SDC	No.: 102	676
Matrix (soil/w		•			•): W306626	
Level (low/med): LOW			Da	te Rec	eived	1: 08/07/0	2
Solids:	0.	0						
Со	ncentration	Units (ug	/L or mg/kg dry	y w	eight)	: MG/	′L_	
	CAS No.	Analyte	Concentration	С	Q	М		
	7440-38-2		0.023	-	SN	F_		
	7782-49-2		0.010		w	F		
		OrthoPhos	0.49	-		C_		
								
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	•	Text	ture:	
Color After:	COLORLESS	Clari	ty After: CLE	AR_	_	Art	ifacts:	
Comments:								
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EPA	SAMPLE	NO.

Lab Name: SVL_	ANALYTICAL	INC.	Contract:		208517
			SAS No.		SDG No.: 102676
Matrix (soil/w	rater): WATE	R	·	Lab Samp	le ID: W306635
Level (low/med	l): LOW_	_		Date Rec	eived: 08/07/02
% Solids:	0.	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight)	: MG/L_
•	CAS No.	Analyte	Concentration	C Q	м
	7440-38-2		0.029		F
•	7782-49-2	Selenium_ OrthoPhos	0.011	- XS	E_ 28/02
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Color Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
Color After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
Comments:					
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EPA SAMPLE NO.
 208518

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ab Name: SVL	ANALYTICAL :	INC.	Contract: _		208518
	-				SDG No.: 102676
atrix (soil/w			•		ple ID: W306633
•	•				
evel (low/med		-		Date Re	ceived: 08/07/02
Solids:	0.0	0			
Co	ncentration	Units (ug	/L or mg/kg dry	y weight): MG/L_
	G16 11	1			<u> </u>
	CAS No.	Analyte	Concentration	C Q	M
	7440-38-2		0.015		
	7782-49-2	Selenium_ OrthoPhos	0.0010		
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olor Before:	COLORLESS	Clari	ty Before: CLE	AR_	Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_	Artifacts:
comments:					

EPA	SAMPLE	NO

ab Name: SVI	ANALYTICAL	INC.	Contract:			208526
						SDG No.: 102676
	water): WATE					ole ID: W306632
evel (low/me	d): LOW_			Da	te Rec	eived: 08/07/02
Solids:	0.	0			,	
C	concentration	Units (ug	/L or mg/kg dr	y w	eight)	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	М
	7440-38-2 7782-49-2	Arsenic Selenium OrthoPhos		֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	WN_W_	F C
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olor Before:	COLORLESS	Clari	ty Before: CLE	i_i. AR_		Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
omments:						
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	SAMPLE	16
EPA	SAMPLE	NO.

ab Name: SVL	ANALYTICAL	INC.	Contract:			208527
	_	· · · · -				SDG No.: 102676
atrix (soil/w	ater): WATE	R .		Lab	Samp:	le ID: W306631
evel (low/med): LOW_	_		Dat	e Rec	eived: 08/07/02
Solids:	0.	0				
Co	ncentration	Units (ug	/L or mg/kg dry	y we	eight)	: MG/L_
	CAS No.	Analyte	Concentration	С	Q	м
	7440-38-2 7782-49-2	Arsenic_ Selenium	0.0069 0.0010		WN	F_ F_
		OrthoPhos				c_
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olor Before:	COLORLESS		ty Before: CLE			Texture:
olor After:	COLORLESS	Clari	ty After: CLE	AR_		Artifacts:
omments:						
						

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EPA	SAMPLE	NO.

							208600	
b Name: SVL_	ANALYTICAL_	INC	Contract: _			.	208000	
b Code: SILV	ÆR Ca	se No.:	SAS No.	:	·	SDC	No.: 1	0267
trix (soil/w	water): WATE	R		Lab	Samp	le II): W3066	28
vel (low/med	l): LOW_	_		Date	e Rec	eived	1: 08/07	/02
Solids:	0.	0						
Co	ncentration	Units (ug	/L or mg/kg dry	y wej	lght)	: MG/	′L_ ·	
	CAS No.	Analyto	Concentration		Q	M		
		1		1 1		ii		
	7440-38-2 7782-49-2	Selenium OrthoPhos	0.39 0.010		SN_ W	F_C		
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lor Before:	COLORLESS	Clarit	y Before: CLE	AR_		Text	ure:	
lor After:	COLORLESS	Clarit	ty After: CLEA	AR_		Arti	facts:	
mments:								

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Lab Name:	SVL_ANALYTICA	L_INC	Contract:	· .	
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.:	102676
Preparatio	on Blank Matri	x (soil/water): WAT	ER		
Preparatio	on Blank Conce	ntration Units (ug/	L or mg/kg): UG/L_		

Analyte	Initial Calib. Blank (ug/L)	С	Conti	ini Bl	ing Calibi lank (ug/L) 2	cat	cion 3	С	Prepa- ration Blank C M
Arsenic Selenium OrthoPhos	1.01.0	บ	1.0_ 1.0_	U U	1.0_	บ บ 		U U	1.000 U F 1.000 U F 10.000 U C
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Lab Name:	SVL_ANALYTICA	L_INC	Contract:	
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102676
Preparation	on Blank Matri	x (soil/water): WA	TER	
reparatio	on Blank Conce	ntration Units (ug.	/L or mg/kg): UG/L_	

Analyte	Initial Calib. Blank (ug/L)	С	Conti	nı Bi	iing Calib Lank (ug/L 2	rat) C		3	C	Prepa- ration Blank	C	M
Arsenic	1.0	ָט		Ū		Ū]	1.0_	Ü			F_
Selenium_ OrthoPhos	10.0	Ū		U	1.0	U		_1.0_	U	10.000	ซ	F C
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Lab Name: SVL_ANALYTICA	AL_INC	Contract:	
Lab Code: SILVER	Case No.:	SAS No.:	SDG No.: 102676
Preparation Blank Matri	x (soil/water):		·
Preparation Blank Conce	entration Units (ug/	'L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L)	С		nu Bl	ing Calibra ank (ug/L) 2		С	Prepa- ration Blank C M
ArsenicSelenium		— i	1.0	Ŭ		-	 _ _	F
OrthoPhos		-	1.0			- } - !		NR_
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ab Name:	SVL_ANALYTICA	L_INC	Contract:	
ab Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102676
reparatio	on Blank Matri	x (soil/water):		
reparatio	on Blank Conce	ntration Units (ug/	L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L)	C	Conti	nı Bl	ing Calibr Lank (ug/L) 2	at C	tion 3	С	Prepa- ration Blank	C	М
Arsenic		บ บ –	1.0	บ บ 	1.0 1.0	บ บ - -		บิ - -		——————————————————————————————————————	F F NR
				_ _ _ _							

Lab Name:	SVL_ANALYTICA	L_INC	Contract:	
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102676
Preparation	on Blank Matri	x (soil/water):		
Preparation	on Blank Conce	ntration Units (ug/	L or mg/kg):	

. 							·		··	 · · · · ·
Analyte	Initial Calib. Blank (ug/L)	С	Contin E 1 C	31	ing Calibr ank (ug/L) 2	at C	cion 3	С	Prepa- ration Blank C	M
Arsenic_ Selenium_ OrthoPhos										F NR_ NR_

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5A SPIKE SAMPLE RECOVERY

	SAMPLE	32
EPA	SAMPLE	₩g.

ab Name:	SVL_ANALY	TICAL_INC	_	Contract:			208323	3	
ab Code:	SILVER	Case No.:	_	SAS No		: S	DG No.:	102	676
atrix (so	il/water)	: WATER_		•		Level (1	ow/med):	LO,	W
Solids fo	_	e:0.0 Tation Units (ug	/L	or mg/kg dry w	re:	ight): UG/L			
Analyte	Control Limit %R	Spiked Sample Result (SSR)	С	Sample Result (SR)	С	Spike Added (SA) %R	Q	M
Arsenic_ Selenium_ OrthoPhos	75-125_	879.8000 40.3300	-	676.4400 10.0000	 บิ	50.0 50.0	0 406.		F_ NR
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omments:									
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5A SPIKE SAMPLE RECOVERY

クン EPA SAMPLE NO.

b Name: S	SVL_ANALY	TICAL_INC	_	Contract:			208346S		
b Code: S		Case No.:			.:	ss	3 No.: 10)2 (576
trix (soi	il/water)	: WATER_				Level (lo	w/med):]	ĽOV	v
Solids fo	or Sample	·0.0							
	Concentr	cation Units (ug	/ L	or mg/kg dry w	æi	ight): UG/L_			
Analyte	Control Limit %R	Spiked Sample Result (SSR)	С	Sample Result (SR)	С	Spike Added (SA)	%R	Q	М
rsenic_ elenium_			 - -		_ _ _				NR NR
rthoPhos	/5-125_	3057.0000_	- -	490.0000	- -	2500.00	102.7	-	C_
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5A SPIKE SAMPLE RECOVERY

	SAMPLE	γ,
EPA	SAMPLE'	NO.

ab Name: S	SVL ANALY	TICAL_INC		Contract:			208517S		
		-		SAS No.		SDO	3 No.: 10	26	576
trix (soi							w/med): I		
	•	_			Teact	(+ 0)	w/mea/. 1	101	'
Solids fo	or Sample	e:0.0							
	Concentr	cation Units (ug	/L	or mg/kg dry we	ight): UG	\r_			
Analyte	Control Limit %R	Spiked Sample Result (SSR)	С	Sample Result (SR) C	Spike Added (SA)	%R	0	М
	==		1		1				İ
Arsenic Selenium	75-125_ 75-125	57.7700_ 52.2600	-	28.5560 11.2500		.00	58.4 82.0		F_
OrthoPhos									NR
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6 DUPLICATES

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EPA	SAMPLE	ON'

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Lab Name: SVL	_ANALYTICAL	_inc	Contr	act:		20832	3D
Lab Code: SIL	ver c	ase No.:	s	AS No.: _		SDG No.:	102676
Matrix (soil/	water): WA	TER	•		Level (low/med)	: _LOW_
% Solids for \$	Sample:	0.0		% Solid	is for D	uplicate	:0.0
Co	oncentratio	n Units (ug/	L or mg/	kg dry wei	ight): U	G/L_	
Analyte	Control Limit	Sample (S)	С	Duplicate	(D) C	RPD	Q M
ArsenicSelenium			400 U		5000 0000 u	12.8_	- F

Analyte	Control Limit	Sample (S)	С	Duplicate (D)	С	RPD	Q	М
Arsenic	ļ	676.4400		768.6000		12.8	-	F
Selenium		10.0000	บิ	10.0000	ซ		<u> </u> _	F_
OrthoPhos		ļ	-	ļ 	_		_	NR
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6 DUPLICATES

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EPA	SAMPLE	NO

ab Name: SVL ANALYTI	CAL INC.	Contract:	208346D	
ab Code: SILVER	Case No.:	SAS No.:	SDG No.: 102676	•
Matrix (soil/water):	WATER	Level	(low/med): _LOW_	_
Solids for Sample:	0.0	% Solids for	Duplicate:0.	0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

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Analyte	Control Limit	Sample (S)	С	Duplicate (D)	С	RPD	Q	М
Arsenic Selenium_ OrthoPhos		490.0000		482.0000	-	1.6	- - -	NR NR C_
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7 LABORATORY CONTROL SAMPLE

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Lab Name:	SVL_ANALYTIC	AL_INC	Contract:	
Lab Code:	SILVER	Case No.:	SAS No.:	SDG No.: 102676
Solid LCS	Source:			
Aqueous L	CS Source:			

Analyte	True	ous (ug/I Found	&R	True	Sol: Found	id C	(mg/kg) Lim	its	%R
Arsenic	50.0	46.15 50.74	92.3				l		
Selenium_	50.0	50.74	101.5_				l		
OrthoPhos	_4450.0	_4567.00	102.6_		\	[_			
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8 STANDARD ADDITION RESULTS

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Lab	Name:	SVL_ANALYTIC	CAL_INC	 Contract:	
Lab	Code:	SILVER	Case No.:	SAS No.:	SDG No.:102676

Concentration Units: ug/L

EPA					 -		1				
Sample	An	0 ADD	1 A	מס	2 .	ADD	3 A	מס	Final	i I	
No.	į	ABS	CON	ABS	CON	ABS	CON	ABS	Conc.	r	Q
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208307	AS	0.229	10.00	0.349		0,0.461	30.00	0.577		0.9999	
208308	AS	0.222	10.00	0.337	20.0	0.460	30.00	0.550	20.4		_
208323	AS	0.207	10.00	0.333	20.0	0.453	30.00	0.577		1.0000	
208323D	AS	0.220	10.00	0.347	20.0	0.466	30.00	0.571	19.2	0.9991	
2083235	AS	0.247	10.00	0.350	20.0	0.473	30.00	0.577	22.0	0.9994	
208327	AS	0.197	10.00	0.310	20.0	0.407	30.00	0.497	20.4	0.9986	
208333	AS	0.228	10.00	0.329	20.0	0.456	30.00	0.559	20.1		_
208346	AS	0.210	10.00	0.294	20.0	0.387	30.00	0.476		0.9998	
208517	AS	0.171	10.00	0.310		0.424		0.546	l	0.9992	
208518	AS	0.172		0.282	20.0	0.383		0.512	15.1	10.9987	
208600	AS	0.219	10.00	0.341	20.0	0 0.452	[30.00	0.564		0.9998	
208517	SE	0.046	5.00	0.073	10.0	0.094	[_15.00	{0.111	11.2	0.9946	7 3
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Attachment B Dewatering Pit Data

Dewatering Pit Data

Analytical results from the samples collected on October 16 are attached. The sample were collected in accordance with the sampling and analysis plan at the following locations:

- West Pit (EMF-DWP-1002-W1)
- South Pit (EMF-DWP-1002-S1)
- East Pit (EMF-DWP-1002-E1)
- East Pit duplicate (EMF-DWP-1002-E2)

Samples were tested for corrosivity and TCLP metals per the work plan. The materials are not corrosive and all TCLP concentrations were below toxicity characteristic limits. Data quality were acceptable and no results were qualified.

The samples were also tested for total metals by mistake. These results are also attached.

REPORT OF ANALYTICAL RESULTS (TCLP)

CLIENT : JR SIMPLOT SVL JOB # : 103716

SVL SAMPLE # : 315025

CLIENT SAMPLE ID: EMF-DWP-1002-W1 Sample Collected: 10/16/02 14:38

Sample Matrix: Solid Waste

Sample Receipt : 10/23/02 Date of Report : 10/28/02

Extraction : TCLP **
Extracted: 10/24/02

		TCLP Reg.		Analysis	
Determination	Result	Units	Limit	Method	Date
Silver	<0.0050	mg/L Ext	5.0	6010B	10/25/02
Arsenic	0.035	mg/L Ext	5.0	6010B	10/25/02
Barium	0.0723	mg/L Ext	100.0	6010B	10/25/02
Cadmium	0.102	mg/L Ext	1.0	6010B	10/25/02
Chromium	<0.0060	mg/L Ext	5.0	6010B	10/25/02
Mercury	<0.00020	mg/L Ext	0.2	7470	10/25/02
Lead	0.0067	mq/L Ext	5.0	6010B	10/25/02
Selenium	0.029	mg/L Ext	1.0	6010B	10/25/02

** Sample extracted according to EPA method 1311 (TCLP). Certificate: ID ID00019

Reviewed By: Blake Volume

Date 10/28/02 9/23

SVL ANALYTICAL, INC.

One Government Gulch P.O. Box 929 m Kellogg, Idaho 83837-0929 Phone: (208)784-1258 # Fax: (208)783-0891

REPORT OF ANALYTICAL RESULTS (TCLP)

CLIENT : JR SIMPLOT SVL JOB # : 103716

SVL SAMPLE # : 315026

CLIENT SAMPLE ID: EMF-DWP-1002-S1

Sample Collected: 10/16/02 15:03 Sample Receipt : 10/23/02

Date of Report: 10/28/02

Sample Matrix: Solid Waste Extraction : TCLP **

Extracted: 10/24/02

Determination	Result	Units	TCLP Reg. Limit	Method	Analysis Date	
			····			
Silver	<0.0050	mg/L Ext	5.0	6010B	10/25/02	
Arsenic	0.026	mg/L Ext	5.0	6010B	10/25/02	
Barium	0.0867	mg/L Ext	100.0	6010B	10/25/02	
Cadmium	0.0409	mg/L Ext	1.0	6010B	10/25/02	
Chromium	0.0284	mg/L Ext	5.0	6010B	10/25/02	
Mercury .	<0.00020	mg/L Ext	0.2	7470	10/25/02	
Lead	<0.0050	mg/L Ext	5.0	6010B	10/25/02	
Selenium	0.022	mg/L Ext	1.0	6010B	10/25/02	

^{**} Sample extracted according to EPA method 1311 (TCLP).

Certificate: ID ID00019

Reviewed By: Blake

SVL ANALYTICAL, INC.

One Government Gulch m P.O. Box 929 m Kellogg, Idaho 83837-0929 m Phone: (208)784-1258 m Pax: (208)783-0891

REPORT OF ANALYTICAL RESULTS (TCLP)

CLIENT: JR SIMPLOT: SVL JOB #: 103716
SVL SAMPLE #: 315027

CLIENT SAMPLE ID: EMF-DWP-1002-E1 Sample Collected: 10/16/02 15:41

Sample Receipt : 10/23/02 Date of Report : 10/28/02 Sample Matrix: Solid Waste Extraction: TCLP **
Extracted: 10/24/02

			TCLP Reg.		Analysis
Determination	Result	Units	Limit	Method	Date
Silver	<0.0050	mg/L Ext	5.0	6010B	10/25/02
Arsenic	0.073	mg/L Ext	5.0	6010B	10/25/02
Barium	0.0535	mg/L Ext	100.0	6010B	10/25/02
Cadmium	0.110	mg/L Ext	1.0	6010B	10/25/02
Chromium	0.0063	mg/L Ext	5.0	6010B	10/25/02
Mercury	<0.00020		0.2	7470	10/25/02
Lead	0.0062	mg/L Ext	5.0	6010B	10/25/02
Selenium	0.053	mg/L Ext	1.0	6010B	10/25/02

** Sample extracted according to EPA method 1311 (TCLP).

Certificate: ID ID00019

Reviewed By: Blake Volumen

Date 10/28/62

10/28/02 9:23

REPORT OF ANALYTICAL RESULTS (TCLP)

CLIENT : JR SIMPLOT SVL JOB # : 103716

SVL SAMPLE # : 315028

CLIENT SAMPLE ID: EMF-DWP-1002-E2

Sample Collected: 10/16/02 15:41

Sample Receipt : 10/23/02 Date of Report : 10/28/02

Sample Matrix: Solid Waste Extraction : TCLP ** Extracted: 10/24/02

Determination	Result	Units	TCLP Reg. Limit	Method	Analysis Date
Silver	<0.0050	mg/L Ext	5.0	6010B	10/25/02
Arsenic	0.072	mg/L Ext	5.0	6010B	10/25/02
Barium	0.0502	mq/L Ext	100.0	6010B	10/25/02
Cadmium	0.115	mg/L Ext	1.0	6010B	10/25/02
Chromium	<0.0060	mg/L Ext	5.0	6010B	10/25/02
Mercury	<0.00020		0.2	7470	10/25/02
Lead	<0.0050	mg/L Ext	5.0	6010B	10/25/02
Selenium	0.047	mg/L Ext	1.0	6010B	10/25/02

** Sample extracted according to EPA method 1311 (TCLP). Certificate: ID ID00019

Reviewed By: ___ Bluke

MFG, INC. DATA EVALUATION CHECKLIST

MFG Project No.: 010121

Simplot - Dewatering Pit

Lab: SVL Laboratories - Pocatello, Idaho

Lab Sample Numbers: 315025 through 315028

Matrix/Analytical Methods: Soil/ TCLP Metals by 6010B and TCLP Mercury by 7470

Field Sample Ids: EMF-DWP-1002-W1, EMF-DWP-1002-S1, EMF-DWP-1002-E1 and

EMF-DWP-1002-E2

		<u>YES</u>	<u>NO</u>
1. Is a Work Plan, SAP, or QAPP available?		Y	
2. Chain of Custody Records:	-		
Are the COCs present?		\mathbf{Y}	
Are the COCs complete and signed off?		\mathbf{Y}	
Were the samples received at or below $4 \pm 2^{\circ}$ C?	NA		
The sample temperature upon receipt was 10 °C.			
Specific temperature requirements for storage and handling do not apply to soils.			
Were all samples on the COCs analyzed?		Y	
Were any problems noted?		•	N
······································			
3. Was a project narrative available from the laboratory?			N
Were any problems noted?	NA		
4. Were all holding times met? The soil samples were extracted within 8 days of collection and analyzed the next day.		Y	
5. Was the frequency stated in the Work Plan or SAP for field duplicates, equipment rinsate, and trip blanks met?	NA		
6. Were all equipment rinsate blank, trip blank,			
and method blank results ND?		Y	
The analytes of interest were not detected in the			
laboratory blank at concentrations greater than the MDLs.			
Field blanks were not submitted with this sample set.			
7. Were all matrices, units, and detection limits reported correctly?		Y	
8. Were all surrogate recoveries within control limits?	NA		

	<u>YES</u>	<u>NO</u>
9. Were all LCS spike recoveries within control limits? The LCS recoveries ranged from 98.5% to 104%. Lab control limits were 85% to 115%. LCSDs were not reported.	Y	
10. Were all MS spike recoveries and RPDs within control limits? The MS recoveries were within the range of 97.6% to 128.5%. The lab performed a post-digestion spike for selenium with a 125% recovery. Lab control limits were 75% to 125%. MSDs were not reported.	Y	
11. Were all field duplicate RPDs within control limits? EMF-DWP-1002-E2 if a field duplicate of EMF-DWP-1002-E1. The RPDs for sample results greater than ten times the MDL ranged from 1.4% to 12%. The sample results less than ten times the MDL were within the ±2x MDL control limit for precision.	Y .	
12. Was the project completeness goal met?	Y	

Comments:

Sample Collection, Transfer and Handling

Four soil samples were collected on October 16, 2002 and submitted to SVL Laboratories for TCLP metals and mercury under lab sample group 103716. The sample temperature upon receipt at the laboratory was 10 °C. All samples were extracted and analyzed within the recommended holding times for each method.

Accuracy

The accuracy of the data was evaluated based on the laboratory control sample recoveries, matrix spike recoveries and blank sample results. All laboratory control sample recoveries were within the laboratory control limits. The matrix spike recoveries were within the laboratory control limits except for selenium. A post-digestion spike was performed for selenium, and the recovery was within laboratory control limits. Qualification of the data is not required. The analytes of interest were not detected in any method blanks. Field blanks were not submitted with this sample set.

Precision

The precision was evaluated based on the relative percent difference (RPD) between laboratory replicate and field duplicate sample results. All laboratory replicate RPDs and field duplicate RPDs were within the laboratory control limits and project precision limits.

Data Qualifications based on Data Evaluation

The analytical data did not require qualification based on the data evaluation. The data is considered usable as reported.

Reviewed By: Cathy Shugarts

Date: 11/01/02

Certificate: ID

ID00019

One Government Gulch P.O. Box 929 Rellogg, Idaho 83837-0929

Phone: (208)784-1258 Fax: (208)783-0891

CLIENT : JR SIMPLOT

PROJECT: 65699

SVL JOB: 103690 SAMPLE: 314830

CLIENT SAMPLE ID: EMF-DWP-1002-W1

Sample Collected: 10/16/02 14:38

Sample Receipt : 10/21/02

Date of Report : 10/23/02 As Received Basis

% Solids: 89.8% Matrix: SOIL

Determination	Result	Units	Dilution	Method	Analyzed
Corrosivity	5.8	 		9045	10/22/02
Silver	4.92	mg/kg		6010B	10/22/02
Arsenic	6.2	mg/kg		6010B	10/22/02
Barium	497	mg/kg		6010B	10/22/02
Cadmium	124	mg/kg		6010B	10/22/02
Chromium	1800	mg/kg		6010B	10/22/02
Mercury	3.57	mg/kg	10	7471	10/22/02
Lead	55.0	mg/kg		6010B	10/22/02
Selenium	9.7	mg/kg		6010B	10/22/02

Reviewed By: Blake Johnson

Certificate: ID

ID00019

Phone: (208)784-1258 One Government Gulch P.O. Box 929 Mellogg, Idaho 83837-0929

Fax: (208)783-0891

CLIENT : JR SIMPLOT

SVL JOB: 103690

PROJECT: 65699

SAMPLE: 314831

CLIENT SAMPLE ID: EMF-DWP-1002-S1

% Solids: 97.7%

Sample Collected: 10/16/02 15:03 Sample Receipt : 10/21/02

Matrix: SOIL

Date of Report : 10/23/02 As Received Basis

Determination	Result	Units	Dilution	Method	Analyzed
Corrosivity	7.3			9045	10/22/02
Silver	2.17	mg/kg		6010B	10/22/02
Arsenic	5.4	mg/kg		6010B	10/22/02
Barium	418	mg/kg		6010B	10/22/02
Cadmium	83.4	mg/kg		6010B	10/22/02
Chromium	771	mg/kg		6010B	10/22/02
Mercury	0.470	mg/kg		7471	10/22/02
Lead	22.4	mg/kg		6010B	10/22/02
Selenium	1.3	mg/kg		6010B	10/22/02

Reviewed By: Blake Vehnson

SVL ANALYTICAL, INC.

Certificate: ID

ID00019

One Government Gulch P.O. Box 929 Kellogg, Idaho 83837-0929

Phone: (208)784-1258 Fax: (208)783-0891

CLIENT : JR SIMPLOT

PROJECT: 65699

CLIENT SAMPLE ID: EMF-DWP-1002-E1 Sample Collected: 10/16/02 15:41

Sample Receipt : 10/21/02
Date of Report : 10/23/02
As Received Basis

% Solids: 71.4%

Matrix: SOIL

SVL JOB: 103690

SAMPLE: 314832

Determination	Result	Units	Dilution	Method	Analyzed
Corrosivity	5.3			9045	10/22/02
silver	3.68	mg/kg		6010B	10/22/02
Arsenic	9.0	mg/kg		6010B	10/22/02
Barium	539	mg/kg		6010B	10/22/02
Cadmium	121	mg/kg		6010B	10/22/02
Chromium	2170	mg/kg		6010B	10/22/02
Mercury	4.60	mg/kg	10	7471	10/22/02
Lead	74.5	mg/kg		6010B	10/22/02
Selenium	4.5	mg/kg		6010B	10/22/02

Reviewed By: Blake Johnson

Date 10/23/02 10/23/02 11:30

Certificate: ID

ID00019

One Government Gulch P.O. Box 929 Kellogg, Idaho 83837-0929

Phone: (208)784-1258

Fax: (208)783-0891

CLIENT : JR SIMPLOT

PROJECT: 65699

SVL JOB: 103690 SAMPLE: 314833

CLIENT SAMPLE ID: EMF-DWP-1002-E2

Sample Collected: 10/16/02 15:46

% Solids: 71.1%

Matrix: SOIL

Sample Receipt : 10/21/02 Date of Report : 10/23/02 As Received Basis

Determination	Result	Units	Dilution	Method	Analyzed
Corrosivity	5.4			9045	10/22/02
Silver	3.58	mg/kg		6010B	10/22/02
Arsenic	9.0	mg/kg		6010B	10/22/02
Barium	542	mg/kg		6010B	10/22/02
Cadmium	119	mg/kg		6010B	10/22/02
Chromium	2300	mg/kg		6010B	10/22/02
Mercury	4.66	mg/kg	10	7471	10/22/02
Lead	73.9	mg/kg		6010B	10/22/02
Selenium	3.0	mg/kg		6010B	10/22/02

Reviewed By: Blake Johnson

Part I Prep Blank and Laboratory Control Sample

Client :JR SIM	Client :JR SIMPLOT SVL JOB NO										
Analyte	Method	Matrix	Units	Prep Blank	True—L	cs—Found	LCS %R	Analysis Date			
Silver	6010B	SOIL	mg/kg	<0.50	115	129	112.2	10/22/02			
Arsenic	6010B	SOIL	mg/kg	<1.0	192	193	100.5	10/22/02			
Barium	6010B	SOIL	mg/kg	<0.20	417	447	107.2	10/22/02			
Cadmium	6010B	SOIL	mg/kg	<0.20	125	129	103.2	10/22/02			
Chromium	6010B	SOIL	mg/kg	<0.60	133	141	106.0	10/22/02			
Lead	6010в	SOIL	mg/kg	<0.50	160	165	103.1	10/22/02			
Selenium	6010B	SOIL	mg/kg	<1.0	97.0	96.4	99.4	10/22/02			
Mercury	7471		mg/kg	<0.0333	24.0	23.1	96.3	10/22/02			
Corrosivity	9045	SOIL	, , , 	5.7	8.6	8.5	98.8	10/22/02			

LEGEND:

LCS = Laboratory Control Sample

LCS &R = LCS Percent Recovery

N/A = Not Applicable

Part II Duplicate and Spike Analysis

Clier	Client :JR SIMPLOT SVL JOB No: 103690											
Test	Method	Matrix	- 1	-QC SAMPI Units	E ID Result	Duplicate Found	or	MSD- RPD%	Result	trix Spike SPK ADD	₹R	Analysis Date
Ag	6010B	SOIL	1	mg/kg	2.17	113	М	0.9	114	100	111.8	10/22/02
As	6010B	SOIL		mg/kg	5.4	109	М	3.6	113	100	107.6	10/22/02
Ba	6010B	SOIL	1	mg/kg	418	524	М	2.8	539	100	121.0	10/22/02
cd	6010B	SOIL	1	mg/kg	83.4	177	М	3.9	184	100	100.6	10/22/02
Cr	6010B	SOIL	1	mg/kg	771	912	м	6.7	975.	100	R >4S	10/22/02
Pb	6010B	SOIL		mg/kg	22.4	115	М	3.4	119	100	96.6	10/22/02
Se	6010B	SOIL	1	mg/kg	1.3	100	М	3.0	103	100	101.7	10/22/02
Hg	7471	SOIL	1	mg/kg	0.470	0.460		2.2	0.629	0.167	95.2	10/22/02
% Sol.	999	SOIL		8	97.7	97.3		0.4	N/A	N/A	N/A	10/22/02
CORR	9045	SOIL	1		7.3	7.3	ļ	0.0	N/A	N/A	N/A	10/22/02

LEGEND:

RPD% = (|SAM - DUP|/((SAM + DUP)/2) * 100) UDL = Both SAM & DUP not detected. *Result or *Found: Interference reqired dilution.
RPD% = (|SPK - MSD|/((SPK + MSD)/2) * 100) M in Duplicate/MSD column indicates MSD.

SPIKE ADD column, A = Post Digest Spike; %R = Percent Recovery N/A = Not Analyzed; R > 4S = Result more than 4X the Spike Added QC Sample 1: SVL SAM No.: 314831 Client Sample ID: EMF-DWP-1002-S1

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY RECORD							Analysis						ł			LE DATA/ TRUCTIONS	P.O.#: 65699
SAMPLE NUMBER	SAMPLE DATE	TIME	SAMPLE LOCATION	NUMBER AND TYPE OF CONTAINERS	nr>+mxtr O-		>0 4.	^	C Y A N I D C S E	B E S T O			P	E F R I G E R A T	LAB DISPOSAL	PRESERVATIVE	LOGBOOK#: EMF-F7L-#1 PROJECT/AREA: EMF DEWATERING PLT COMMENTS/WCP#
EMF-1002-W1)	1438	WEST PIT	1e25omL	X	-							<u>(</u>	-:-	7	N/A	GRAY SOLLD POWDER
FMF-DWP-1002-SI		1503	SOUTH PET	18.250ml	Х		_	-	╬	-	-		-:-	╌	┱	N/A	GRAY SOLED POWDER
Ems-Owe-1007-El	10-16-02	1541	FAST P17	1ezsomi	X		_			ـــــ	lacksquare	4	<u> </u>	<u>ر ا</u>	식	NA	GRAY SOLED POWDER
EMF-DWP-1002-EZ	10-16-02	1546	EAST PT	1e2somL	X		_		<u> </u>	<u>!</u>		_ >	()	<u>()</u>	싴	N/A	GRAY SOLZO POWDER
																	*PLEASE RUSH *
																	FAX 208 234 - 5305
													//				
Relinquished By Sampler: Stron 10.16.07/16/10 CATE/THE							Received By: Selfane 10/21/12 @ 9-5									10/21/02 @ 9-52 DATE/TIME	
Relinquished By:						Re	Received By										CATE/TIME
Relinquished By:						Received By:										DATE/TIME	Contact:
Relinquished By:							Received By: J.R. Sil									RCRA ENVIRONMENTAL SPECIALIST J.R. SIMPLOT COMPANY (208) 234-88855330	
Relinquished By:							Received By: P.O. Box 912 POCATELLO, ID 83204										